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1. A confocal microscope apparatus comprising:  
a light-emitting portion for emitting a light beam  
with which a specimen to be observed is irradiated;  
a rotatable disk scanner having a plurality of  
pinholes formed in a disk for the light beam to pass  
therethrough between said light-emitting portion and  
the specimen, said pinholes being arranged to move  
through a first position facing said light-emitting  
portion and scan the specimen with the light beam  
having passed through said pinholes, along with  
rotation of said disk scanner;
2. A confocal optical system for conjugating said  
first position and a second position on the specimen  
to cause the light beam having passed through said  
pinholes to be radiated onto the specimen, and to cause  
a light beam from the specimen to form an image on said  
disk;
3. A camera for photographing a still image of the  
image formed by said confocal optical system;
4. Means for generating an exposure time signal  
representing an exposure time of said camera;
5. Means for generating a rotational period signal  
representing a rotational period of said disk scanner;
6. And  
means for comparing the exposure time signal  
with the rotational period signal to generate based

the exposure time signal is calculated based on a  
detection result by said photometric means.

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